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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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DATE: Thursday, August 19, 2004 [Printable Copy](#) [Create Case](#)

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
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L12	L11 & L10	118	L12
L11	(transmi\$6 or reflect\$3) SAME (detect\$4 or sens\$3 or photodetect\$4) SAME fiber\$1 SAME filter\$3	6054	L11
L10	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME crosstalk\$1	772	L10
L9	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME (reflect\$3 or plurality)	9200	L9
L8	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME (coupl\$3 or \$3dimension\$4)	9343	L8
L7	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME single	8523	L7
L6	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME \$5convex	103	L6
L5	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME (collimat\$3 or focus\$4)	2128	L5
L4	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME (monochrom\$8 or polychrom\$8)	293	L4
L3	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME \$3direction\$4 SAME (detect\$4 or sens\$3 or photodetect\$4)	842	L3
L2	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME \$3direction\$4 SAME (detect\$4 or sens\$3 or photodetect\$4) SAME array	127	L2
L1	(multiplex\$3 or demultiplex\$3) SAME (fiber\$1 or diffract\$4 or grating\$1) SAME (transmi\$6 or \$4communicat\$4 or bandwidth\$1)	19754	L1

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20010031113 A1**Using default format because multiple data bases are involved.**

L25: Entry 1 of 7

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031113

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010031113 A1

TITLE: Miniature monolithic optical add-drop multiplexer

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Frish, Michael B.	Andover	MA	US	
Keating, Philip B.	Salem	MA	US	
Kessler, William J.	Groton	MA	US	
Davis, Steven J.	Londonberry	NH	US	

US-CL-CURRENT: 385/24; 385/36, 385/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6453087 B2

L25: Entry 2 of 7

File: USPT

Sep 17, 2002

US-PAT-NO: 6453087

DOCUMENT-IDENTIFIER: US 6453087 B2

TITLE: Miniature monolithic optical add-drop multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6421481 B1

L25: Entry 3 of 7

File: USPT

Jul 16, 2002

US-PAT-NO: 6421481

DOCUMENT-IDENTIFIER: US 6421481 B1

TITLE: Apparatus and method for producing a flat-topped filter response for diffraction grating (De) multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6137933 A

L25: Entry 4 of 7

File: USPT

Oct 24, 2000

US-PAT-NO: 6137933

DOCUMENT-IDENTIFIER: US 6137933 A

**** See image for Certificate of Correction ****

TITLE: Integrated bi-directional dual axial gradient refractive index/diffraction grating wavelength division multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6011885 A

L25: Entry 5 of 7

File: USPT

Jan 4, 2000

US-PAT-NO: 6011885

DOCUMENT-IDENTIFIER: US 6011885 A

**** See image for Certificate of Correction ****

TITLE: Integrated bi-directional gradient refractive index wavelength division multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6011884 A

L25: Entry 6 of 7

File: USPT

Jan 4, 2000

US-PAT-NO: 6011884

DOCUMENT-IDENTIFIER: US 6011884 A

TITLE: Integrated bi-directional axial gradient refractive index/diffraction grating wavelength division multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5999672 A

L25: Entry 7 of 7

File: USPT

Dec 7, 1999

US-PAT-NO: 5999672

DOCUMENT-IDENTIFIER: US 5999672 A

**** See image for Certificate of Correction ****

TITLE: Integrated bi-directional dual axial gradient refractive index/diffraction
grating wavelength division multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWIC	Draw De
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☐ 1. Document ID: US 20010031113 A1

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L16: Entry 1 of 2

File: PGPB

Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010031113

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010031113 A1

TITLE: Miniature monolithic optical add-drop multiplexer

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Frish, Michael B.	Andover	MA	US	
Keating, Philip B.	Salem	MA	US	
Kessler, William J.	Groton	MA	US	
Davis, Steven J.	Londonberry	NH	US	

US-CL-CURRENT: 385/24; 385/36, 385/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6453087 B2

L16: Entry 2 of 2

File: USPT

Sep 17, 2002

US-PAT-NO: 6453087

DOCUMENT-IDENTIFIER: US 6453087 B2

TITLE: Miniature monolithic optical add-drop multiplexer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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